

STATE OF ILLINOIS  
ILLINOIS COMMERCE COMMISSION

**ORIGINAL RECEIVED**  
FEB 20 2004

Illinois Commerce Commission  
RAIL SAFETY SECTION

Petition for permission to make a major change in crossing protection, or to install new protection under 92 Illinois Administrative Code 1535.400 (d).

X-12126 Date: February 17, 2004

To the ILLINOIS COMMERCE COMMISSION:

T03-0099

The petitioner Norfolk Southern Railway Company shows

- (1) That it is a railroad company operating a line of railroad in the State of Illinois.
- (2) That petitioner proposes and hereby makes application for authority to make a major change in crossing protection, or to install new protection, under 92 Illinois Administrative Code 1535.400 (d) adopted by this Commission.
- (3) That the location of the crossing, nature of protection now established and proposed to be established, and other pertinent facts in connection therewith, are set forth in the statement attached to and forming part of this petition.
- (4) That petitioner's reasons and purpose, with reference to its said proposal are to:

Modification of Grade Crossing Warning Devices requested by Illinois Commerce Commission

at: Tolle Rd. in Mount Vernon, Jefferson County, Illinois, DOT: 724774A, MP. 86.21-W

File No. 061-04.047

Project No. 04.0494

- (5) That the facts set forth in this petition and in the statement and plans or plats attached thereto, are, all of them, true and correct to the best of petitioner's knowledge and belief.

**WHEREFORE, the petitioner prays that the Commission will, if deemed desirable by the Commission, set the aforesaid matter for hearing, and that the Commission enter an order or adopt at resolution consenting to and granting authority for the making of the said proposed changes in or additions to crossing protection.**

Norfolk Southern Railway Company

By R. H. Ray  
R. H. Ray, Administrator  
Highway Grade Crossings

Thomas W. Ambler  
(Attorney for Petitioner)

Norfolk Southern Corporation  
Three Commercial Place  
Norfolk, VA 23510-2191

(Attorney's Address)

**DOCKETED**

**Statement, attached to and part of an application for permission to make a major change in crossing protection or to install new protection, under 92 Illinois Administrative Code 1535.400(d).**

1. Name of Railroad Company Norfolk Southern Railway Company
2. Crossing Number 724774A
3. Village or City Mount Vernon
4. Name of Street or Highway Tolle Rd.
5. Public Agency Maintaining Highway City
6. Protection now established:  
Flashing light grade crossing warning device with bell and crossbucks.
7. Protection desired:  
Modify grade crossing warning devices, to include flashing lights with gates and bell controlled by  
Constant warning time detection equipment.
8. Number of main tracks One Other tracks One
9. Number of passenger movements:  
6 a.m. to 6 p.m. None 6 p.m. to 6 a.m. None
10. Number of freight train movements:  
6 a.m. to 6 p.m. Eleven 6 p.m. to 6 a.m. Ten
11. Approximate number of switch movements:  
6 a.m. to 6 p.m. None 6 p.m. to 6 a.m. None
12. Maximum speed of trains at crossing on each track in each direction:  
North/East 50 M.P.H.  
South/West 50 M.P.H.
13. Passenger platforms served by tracks within the limits of track circuits, if any None

14. Where automatic signals or gates are proposed, approximate number of train or engine movements daily which would cause false indications or operation:

None

15. Nature and approximate amount of street or highway traffic over crossing:

1550 AADT

16. In addition to the information listed hereinbefore in Form 3, attach a track plan or plat of the proposed crossing. This plan should show:

- (a) Width and surface of highway.
- (b) Highway intersections (including private driveways to be so indicated) and location of established highway signs or signals within 100 feet of crossing.
- (c) Location of tracks, switches and other railroad facilities such as block signals, etc. within limits of track circuits, present and/or proposed.
- (d) Where automatic protection is proposed, show proposed location of signals (side lights, cantilevers, etc., if any).
- (e) Show the length of each operating track section within the control limits of the crossing protection and its function.

#### ADDITIONAL INFORMATION

Drawing attached for question no. 16

VERIFICATION

I, R. H. Ray, first being duly sworn upon oath depose and say that I am  
Administrator - Highway Grade Crossings, of Norfolk Southern Railway Company, a  
Virginia corporation; that I have read the above and foregoing petition by me subscribed and know the  
contents thereof; that said contents are true in substance and in fact, except as to those matters stated upon  
information and belief, and as to those, I believe same to be true.

  
\_\_\_\_\_  
Administrator - Highway Grade Crossings

Subscribed and sworn to before me this 17 th.  
day of February, 20 04.

  
\_\_\_\_\_  
Notary Public (Georgia) or Witness

My Commission Expires: \_\_\_\_\_

**Detailed Estimate for Grade Crossing Warning Devices**

City/State: MOUNT VERNON, IL  
MilePost: 86.21-W  
State Proj. No.:  
S&E Proj. No.: 04.0494  
Man Days: 108

Road: TOLLE ROAD  
DOT/AAR: 724774A  
County: JEFFERSON  
AFE: F01970  
File Number: 061-04.047

**\*\*\*Purchases - Other\*\*\***

Meals and Lodging:	\$9,410.00	
Rental of Equipment:	\$20,560.00	
(2 Trucks, 1 Backhoe w/ Trailer and 1 Pipe-Pusher for 27 Days)		
Construction Supervision Vehicle:	\$390.00	
Contingencies:	\$510.00	
Purchases - Other Total:		\$30,870.00

**\*\*\* Material and Additives\*\*\***

Material Cost:	\$104,080.00	
Sales and Use Tax:	\$5,200.00	
Material Handling Freight:	\$5,200.00	
Material Total:		\$114,480.00

**\*\*\*Labor and Additives\*\*\***

Labor Cost:	\$24,190.00	
(4 man crew at \$896.00 a day for: 27 days)		
Payroll Tax & Overheads:	\$20,940.00	
Preliminary Engineering:	\$11,290.00	
Construction Supervision:	\$6,830.00	
Labor Total:		\$63,250.00
Subtotal:		\$208,600.00
Credit:	\$0.00	
(Salvage/Scrap)		
Project Total:		\$208,600.00

Estimated on: 12-Feb-04

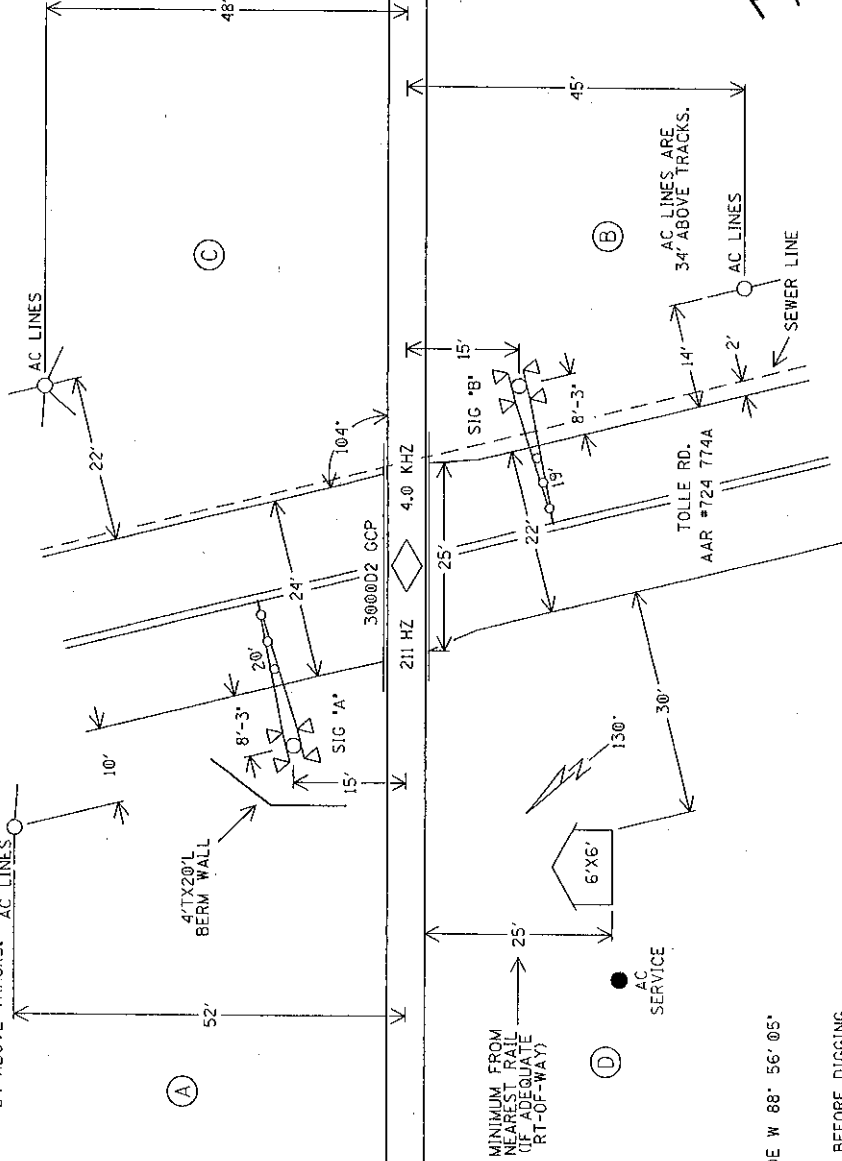
Estimated by: ndr3j

**Estimate valid for 1 year from date of estimate**

TO LUTHER YARD

AC LINES ARE  
34' ABOVE TRACKS. AC LINES

TO PRINCETON



APPROACH LENGTHS ALLOW FOR:	
TIME IN SECONDS	CWT
STANDARD MUTCD MIN. TIME	E.B./W.B. APPROACH
DESIGNED WARNING TIME	20
EQUIPMENT RESPONSE TIME	30
TOTAL TIME	5
MAX. SPEED (M.P.H.)	35
APPROACH DISTANCE (FEET)	50
	2572'

NOTES:

1. MAX. TRAIN SPEED 50 M.P.H.
2. LATITUDE N 38° 21' 07" LONGITUDE W 88° 56' 05" ELEVATION 863'
3. SIGNAL 'A' TO HAVE BELL.
4. LOCATE U/G UTILITIES & CABLE BEFORE DIGGING.
5. CROSSING LOCATED IN JEFFERSON COUNTY.
6. NEAREST STREET ADDRESS IS 606 TOLLE RD.
7. NEAREST INTERSECTING STREET IS GEORGE ST.
8. DISTANCE TO NEAREST INTERSECTING STREET IS 1000 FT.

(A) (B) (C) (D) = QUADRANT MARKERS

IN SERVICE \_\_\_\_\_ SIGNED \_\_\_\_\_ DATE \_\_\_\_\_

☐ S&E ENGINEERING COPY

☐ CONSTRUCTION OFFICE COPY

☐ RETURN TO S&E ENG. AFTER COMPLETION

☐ FIELD COPY

☐ RETURN TO CASE AFTER COMPLETION

☐ PROJECT ENGINEER COPY

SCALE: 1" = 20'

PROJECT #04.0494

LAYOUT

FILE 061-04.047

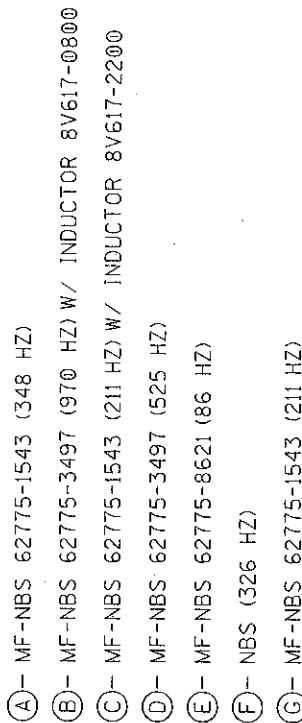
<b>NORFOLK SOUTHERN</b>	
DESIGNED BY:	KSW 102-02-04
DRAWN BY:	OFFICE OF ASST. VICE PRESIDENT COMM. & SIGNAL, ATLANTA, GA.
SSC 102-02-04	M.P.: 86.21-W
CHECKED BY:	EAST ST. LOUIS, IL TO PRINCETON, IN MOUNT VERNON, IL FLGS AT TOLLE RD.
LAR 102-05-04	FILE R-
IN SERVICE:	ST. LOUIS DISTRICT (WEST)
CADD or DWG. No.	XW1785P.01
SHEET	1 of 19

PROPERTY  
NORFOLK SOUTHERN RAILWAY CO.

REVISION  
INITIALS

**RECEIVED**  
FEB 20 2004

Illinois Commerce Commission  
RAIL SAFETY SECTION



~~DO NOT~~  
~~CLASSIFY~~  
2-12-01



# Highway Crossing Signalization Program - Material List

Do not substitute items without permission from S & E Engineering

City:	MOUNT VERNON
Road:	TOLLE ROAD
Milepost:	86.21-W
Drawing Number:	XW1785P
State Project Number:	
County:	JEFFERSON
A A R Number:	724774A
Project Number:	04.0494
File Number:	061-04.047
A F E Number:	F01970
Store Number:	
Supervisor:	J.E. BROWNE
Tax Code:	1200
Vendor to supply the following copies after pricing: 1 Set - Material Management with original invoice 2 Sets - with plans shipped in car with material 1 Set - S&E Gen. Supt. Construction w/ copy of invoice	

12-Feb-04



Location: MOUNT VERNON IL		S&E Proj. No.: 04.0494		AFE No.: F01970		Drawing No.: XW1785P		Page 1/6	
Store No.:		P.O. Number:		Date Required:		Date Shipped:		Vendor : Safetran Systems Corp.	
Qty.	Class-Item-CD	UI	Price per Item	Total Price	Item Description	Quantity Shipped	Quantity Installed Date Quan.	Quantity Returned (Credit)	Special Instructions
3	670-360693-4	EA	\$4.82	\$14.46	AAR/DOT NUMBER PLATE/DECAL, ORDER 3 PER PROJECT. 60 DAY LEAD TIME. SUPPLIED BY STRAN.				
1	165-006505-4	EA	\$1,028.00	\$1,028.00	AC SERVICE, COMPLETE LESS METER BASE, ASSEMBLED ON 30' POLE				
2	670-001321-4	EA	\$246.66	\$493.32	ARM, GATE FIBERGLASS-ALUMINUM 17-24 FT., L&W OR US&S OR SAFETRAN 076600-240017 OR				
2	670-917618-4	ea	\$12.59	\$25.18	ARRESTER, HD SAFETRAN 022615-1X LBASE FOR TRACK LEAD				
4	165-021628-4	EA	\$7.61	\$30.46	ARRESTER, LIGHTNING CLEARVIEW W/O BASE USS PART N451552-0201 SAFETRAN PART @022485-28X CR02-025565				
19	105-871901-4	EA	\$154.22	\$2,930.11	BATTERY,GNB 265AH MODEL 50A11 SINGLE CELL 2.25 VOLTS				
1	670-503047-4	EA	\$185.75	\$185.75	BELL, CROSSING ELECTRONIC GENERAL SIGNAL, EB-3-360-5 CR 02-044350				
8	165-000341-4	EA	\$10.54	\$84.33	BERM WALL ANCHOR ROD, WITH NUT A.B. CHANCE #6417 (ORDER 4 PER BERM WALL)				
52	165-479603-4	EA	\$7.10	\$369.32	BERM WALL DEADEND,STRANDVISE GRAYBAR# 5201T (ORDER 2 PER POWR SOURCE) OR (26 PER BERM WALL)				
2	670-010851-4	EA	\$1,529.50	\$3,059.00	BERM WALL, ARMCO BIN TYPE II - 12 GAUGE GALVANIZED STEEL 4'-4" HIGH BY 10' LONG (FOR HOUSING)				
8	215-003229-4	EA	\$11.72	\$93.74	BERM WALL/BACK GUY ANCHOR, A.B. CHANCE# 88135 (ORDER 4 PER BERM WALL) OR (1 PER POWER SOURCE)				
2	670-980689-4	EA	\$63.71	\$127.41	BRACKET HIGH WIND, (RIGID 3"), WIG- 191036, WALRUS TUSK TYPE				
2	670-561375-4	EA	\$1,201.20	\$2,402.40	BRACKET, GATE SAVER, NEG385102GS, SPRING LOADED SWING AWAY ADAPTER FOR FIBERGLASS/ALUMINUM GATES, USE WITH GATE 28' AND LESS				
1100	465-292862-4	LF	\$1.00	\$1,103.19	CABLE, U-2-6 TWISTED, S-23 OKONITE 113-12-3933 SOLID TINNED CONDUCTOR				

APPROVED BY STATE	APPROVED BY RAILROAD	CAR NUMBER	SEAL NUMBER
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Location: MOUNT VERNON IL		S&E Proj. No.: 04.0494		AFE No.: F01970		Drawing No.: XW1785P		Page 2/6		
Store No.:		P.O. Number:		Date Required:		Date Shipped:		Vendor : Safetran Systems Corp.		
Qty.	Class-Item-CD	UI	Price per Item	Total Price	Item Description	Quantity Shipped	Quantity Installed		Quantity Returned (Credit)	Special Instructions
700	465-292945-4	LF	\$1.35	\$945.63	CABLE, U-5-14, S-54 OKONITE 206-14-6885					
300	465-292929-4	LF	\$3.00	\$899.58	CABLE, U.G. 5 COND. NO. 6 AWG SOLID COPPER CABLE TO MEET NS CORP. SPEC. FOR SIGNAL					
300	465-939422-4	LF	\$2.56	\$767.55	CABLE, UG 12 CONDUCTOR NO 14 AWG SOLID EACH CONDUCTOR WITH 5/64 IN INSULATION 10 MIL					
600	465-791835-4	FT	\$1.96	\$1,174.80	CABLE, UG AC ENTRANCE 3C#6-7X OKONITE FMPP-L 094-078 TR W/G 1 X 8 7X W010 BRZ TAPE 600V PRODUCT CODE 206-11-6070					
6	670-001454-4	EA	\$1.64	\$9.82	CLIP, CADWELD TRACK CIRCUIT RETAINER PART NO SBA206 1/2 DIA 50 CLIPS PER PACKAGE, CR 02-729208					
80	165-544477-4	FT	\$2.00	\$159.65	CONDUIT, 4"x10' PVC, SCHEDULE 80 BELL CONNECTOR AT ONE END, 1/2 PT. GLUE IN KIT 670-123298-4					
30	670-100000-4	EA	\$2.00	\$60.00	CONDUIT, PRE-EMPTION - STATE OF ILLINOIS, 4" x 10' PVC					
20	670-918555-4	EA	\$3.39	\$67.75	CONNECTOR, WEB TRACK 1IN X 4IN LONG, FOR SHUNT CONN TO RAIL, INCLUDES WELD METAL & MOLDS (ERICO #SBTBU4A)					
7	670-090450-4	EA	\$49.62	\$347.37	CONNECTOR, WELDED FAR RAIL HARMON A1000-2W					
7	670-486646-4	EA	\$40.66	\$284.62	CONNECTOR, WELDED NEAR RAIL HARMON A1000-1W					
2	670-793404-4	EA	\$838.38	\$1,676.76	COUNTERWEIGHT PKAGE, 17-24" GATE STRAN S- MECH ONLY, STAINLESS, TO INCLUDE HUB, SUPPORT ARMS					
4	670-760012-4	EA	\$34.90	\$139.59	COVER, FOR 1 WAY FLASHING LIGHT ASSY, 18 OZ. BLACK VINYL COATED NYLON. ====TO COVER 2 LAMPS=====					
1	670-986650-4	EA	\$361.26	\$361.26	DISPOSAL, CONSTRUCTION DEBRIS AND CLEANING X'ING EQUIPMENT CONTAINER					
1	670-228165-4	EA	\$10.73	\$10.73	EQUALIZER, SAFETRAN 022700-1X LESS BASE, MODERN NO. 700-1 SHUNT ARRESTER TRACK CIRCUITS CR 02-197950					

APPROVED BY STATE

APPROVED BY RAILROAD

CAR NUMBER

SEAL NUMBER

Location: MOUNT VERNON IL		S&E Proj. No.: 04.0494		AFE No.: F01970		Drawing No.: XW1785P		Page 3/6		
Store No.:		P.O. Number:		Date Required:		Date Shipped:		Vendor: Safetran Systems Corp.		
Qty.	Class-Item-CD	UI	Price per Item	Total Price	Item Description	Quantity Shipped	Quantity Installed		Quantity Returned (Credit)	Special Instructions
1	670-000004-4	EA	\$281.44	\$281.44	FCC LICENSE FOR MONITOR/RADIO		Date Quan.	Date Quan.		
5	670-000003-4	EA	\$255.85	\$1,279.25	FILL/STONE #57, QUANTITY IS BASED ON TRUCK LOAD PLUS DELIVERY COST					
1	670-012732-4	EA	\$244.03	\$244.03	FILTER, ELECTRO CODE 211HZ REJECTION PART# TF-211					
2	670-015231-4	EA	\$381.69	\$763.37	FOUNDATION,DIXIE,S-2 GATE 5'6" ASSEMBLED					
2	670-923649-4	EA	\$39.86	\$79.72	INDUCTOR, SIMULATED TRACK SAFETRAN 8V617-0800					
1	670-730154-4	EA	\$68.52	\$68.52	INDUCTOR, SIMULATED TRACK SAFETRAN 8V617-2000					
2	670-477991-4	EA	\$292.81	\$585.61	KIT, GROUNDING ASSY FOR AL I/S INCLUDES 8 GRD RDS,200'4WIRE,12 4 WIRE ONE-SHOTS. ERICO SBK206					
2	670-123298-4	EA	\$256.93	\$513.86	KIT, HARDWARE SUPPLIES REQUIRED X'ING PCKAGES. WEB CONNECTORS FOR SHUNT(8EA) TAPE, AMP'S,P'GUM PAINT,SLEEVES,TAGS,GLUE, 100 EA WHITE TAGS,)NE CAN BLUE MARKING PAINT ETC...					
2	670-764166-4	EA	\$907.09	\$1,814.18	LAMP ASSY, 5" MAST MTG. 2W IND. 20" BKGRD, FLX-12 W/BULB S'TRAN #042003-487XNS					
6	165-643547-4	EA	\$8.43	\$50.60	LAMP, 18 WATT 10 VOLT S-11 SC BAY 18S11/1SC CLEAR RWY SIGNAL UJ-71463 GE					
6	670-440826-4	EA	\$1.01	\$6.08	LINK, SAFETRAN 024620-1X INSL TESTING COMP 1 IN CENTER SIGNAL CIRCUITS CR 02-286662					
6	255-590880-4	EA	\$15.62	\$93.70	LOCK, AMERICAN LOCK MODEL H-10KA KEYPED ALIKE TO PRIVATE KEYWAY D456 AND STAMPED "NS SIG"					
2	670-637778-4	EA	\$1,055.55	\$2,111.09	MAST, 5" ALUMINUM 13'10" WITH DOUBLE JCT. BOX BASE. S'TRAN P# 070519-11AX.					
2	670-521147-4	EA	\$2,932.81	\$5,865.62	MECHANISM, GATE MODEL S40, WITH CONTACT HEATER, COMPLETE W/RELAY S'TRAN # 074000-W00090					
APPROVED BY STATE				APPROVED BY RAILROAD				CAR NUMBER		SEAL NUMBER

Location: MOUNT VERNON IL		S&E Proj. No.: 04.0494		AFE No.: F01970		Drawing No.: XW1785P		Page 4/6	
Store No.:		P.O. Number:		Date Required:		Date Shipped:		Vendor: Safetran Systems Corp.	
Qty.	Class-Item-CD	UI	Price per Item	Total Price	Item Description	Quantity Shipped	Quantity Installed Date Quan.	Quantity Returned (Credit)	Special Instructions
4	670-001347-4	EA	\$57.98	\$231.90	PACKAGE, HARDWARE SIGN 5 IN. MOUNTING, SERRMI A1250-5, HARMON @200965-000, OR				
2	255-646807-4	EA	\$9.49	\$18.97	PADLOCK, SAFETRAN PART NO. 030399-29X SCREW TYPE FOR CIR CONTROLLER AND BTY. BOX				
1	670-514605-4	EA	\$8.43	\$8.43	PINNACLE, W-C SECT 1-11, 4" & 5" REF K1 110-8 OR SAFETRAN NO. @035045-503X				
2	670-555609-4	EA	\$41.11	\$82.22	PLUGBOARD, TYPE B-1 GRS A62-506 OR HARMON @7062-506 OR				
1	165-103293-4	EA	\$44.47	\$44.47	PROTECTOR, LIGHTNING & SURGE LPC 10560-51, 3 ELECTRODE WITH SPADE TERMINAL				
2	165-902002-4	EA	\$308.00	\$616.00	PROTECTOR, SURGE 120/240VAC, ERICO P/N EPD120/240TDFL				
5	465-002899-4	EA	\$20.88	\$104.39	REEL, CABLE DISPOSABLE FOR CROSSING SIGNAL PACKAGES				
2	670-742096-4	EA	\$38.50	\$77.00	RELAY INTERFACE PROBE, ULTRATECH PN 16031-00				
2	670-707995-4	EA	\$356.29	\$712.57	RELAY, TYPE B1, NEV LINE, 900 OHMS, .008 AMPERES GRS A62-308 OR SAFETRAN @400003				
4	435-805560-4	EA	\$6.25	\$25.00	SAND, 25LB BAG FOR CABLE ENTRANCE INTO THE SHELTER				
1	670-391911-4	EA	\$5,329.57	\$5,329.57	SEARII AUTOMATED INSPECTOR SYSTEM KIT, w/ 1- ILOD, 1-BSX, 2-GTS, 2- MTSS, 1-GFT, 1-VHFC, 2- RECORDER INTERFACE MODULE, 1- ECHOLON CONNECTOR				
2	670-281280-4	EA	\$7,006.00	\$14,012.00	SHELTER BARE 6X6, ALUMN, FARADAY, W/CABLE CHUTES BEHIND TERMINAL BOARD, W/GEN. CONN. W/ADJUSTABLE PIERS, ,SAFETRAN P/N 058400-66-78A				
2	670-471572-4	EA	\$3.00	\$6.00	SHIELD, GROUND SERRMI PN 61278 FOR GROUNDING A RH 4 POST				
2	670-472200-4	EA	\$3.00	\$6.00	TERMINAL BLOCK DIRECTLY TO FARADAY SHIELD SHIELD, GROUND SERRMI PART NO. 61278 FOR GROUNDING A LH 4 POST				
APPROVED BY STATE					APPROVED BY RAILROAD				
					CAR NUMBER		SEAL NUMBER		

Location: MOUNT VERNON IL			S&E Proj. No.: 04.0494		AFE No.: F01970		Drawing No.: XW1785P		Page 5/6	
Store No.:			P.O. Number:		Date Required:		Date Shipped:		Vendor : Safetran Systems Corp.	
Qty.	Class-Item-CD	UI	Price per Item	Total Price	Item Description	Quantity Shipped	Quantity Installed		Quantity Returned (Credit)	Special Instructions
5	670-586967-4	EA	\$34.74	\$173.72	SHUNT COVER W/LAG SCREWS, 19"X19", SERRMI #40271, ORDER 1 PER SHUNT		Date Quan.	Date Quan.		
3	670-652773-4	EA	\$470.56	\$1,411.68	SHUNT, MULTI-FREQ. #62775-1543 SAFETRAN NARROW BAND					
2	670-688850-4	EA	\$370.27	\$740.53	SHUNT, MULTI-FREQ. #62775-3497 SAFETRAN NARROW BAND					
2	670-393331-4	EA	\$37.43	\$74.86	SIGN CROSSING MALFUNCTION ASSEMBLY FOR 4" AND 5" MAST, SAFETRAN #T17215					
2	670-806648-4	EA	\$56.42	\$112.84	SIGN, X-BUCK, LESS HARDWARE, SAFETRAN 035200-X CR 02-490546					
2	670-751511-4	EA	\$35.58	\$71.17	SIGN, "1" TRACK, LESS HARDWARE SAFETRAN# 035207-1X					
2	670-006438-4	EA	\$10.54	\$21.08	TAPE, 4" X 96" REFLECTIVE APPLY TO BACK OF X-BUCK SIGN. ONLY IN IA., IN., IL., AL. 035200-555X					
1	670-330382-4	RL	\$10.75	\$10.75	TAPE, THOR 3" DURATEC, ORANGE 1000' LENGTHS. "WARNING STOP DIGGING"					
12	670-478560-4	EA	\$19.47	\$233.64	TERMINAL BLOCK, ERICO 4 POST P/N B2700A2C1WH W/HARDWARE LESS LIGHTNING ARRESTOR					
2	165-917984-4	EA	\$4.22	\$8.43	TERMINAL, TEST, TYPE B GRS A62-515 OR HARMON @32118-001 OR					
2	610-065626-4	EA	\$16.66	\$33.33	ULTRA-TECH 15206-01 CONNECTIVITY BLOCK FOR GRS B1 RELAY					
2	670-007238-4	EA	\$137.14	\$274.27	UNIT, THE INSTALLATION AND WIRING OF A DEVICE WHICH REQUIRE A MINIMUM OF FOUR WIRE CONNECT-					
300	465-377911-4	FT	\$0.42	\$125.88	WIRE, ALUMOWELD GUY 7 #10 STRAND BERM WALL / POLELINE GUY WIRE (ORDER 150' PER BERM WALL) PER GLSEXTON 2-17-98					
100	465-999111-4	LF	\$0.30	\$29.68	WIRE, NO.10, 1 CONDUCTOR, CASE, FLEXIBLE 37 STRAND, 3/64 IN. INSULATION-ORDER EXT.AMT. NEEDED CR 02-620502					

APPROVED BY STATE	APPROVED BY RAILROAD	CAR NUMBER	SEAL NUMBER
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Location: MOUNT VERNON IL			S&E Proj. No.: 04.0494		AFE No.: F01970		Drawing No.: XW1785P		Page 6/6	
Store No.:			P.O. Number:		Date Required:		Date Shipped:		Vendor : Safetran Systems Corp.	
Qty.	Class-Item-CD	UI	Price per Item	Total Price	Item Description	Quantity Shipped	Quantity Installed		Quantity Returned (Credit)	Special Instructions
100	465-998161-4	LF	\$0.17	\$17.40	WIRE, NO.16, 1 CONDUCTOR, CASE, FLEXIBLE, 19 STRAND, 2/64 IN. INSULATION CR 02-620254		Date Quan.	Date Quan.		
1	670-110527-4	EA	\$22,018.66	\$22,018.66	WIRED RACK UNI-DIRECTIONAL DOUBLE TRK, 6X6 FARADAY , COMPLETE/GCP3000, 2 CRAGG CHARGER, 2 RELAY RACK,SAFETRAN P/N T15409, USE WITH I/S 670-786834-4 OR P/N 058400-66-78A, 670-281280-4					
1	670-403183-4	EA	\$24,436.00	\$24,436.00	WIRED RACK, 6X6 FARADAY, COMPLETE/GCP3000D2 SINGLE TRK, 20 AMP SSCIII, 2 ISL MOD, 2 CRAGG CHARGER 2 RELAY RACKS, SAFTRAN P/N T15383, USE WITH I/S 670-786834-4 OR P/N 058400-66-78A, 670-281280-4					
2	450-986008-4	EA	\$7.35	\$14.70	WRENCH, TEST POST TYPE B DWG 55393-3, GR.1					

Total Material \$103,691.99